

Converting Colors

Hex(20619B)

Have a look what the booklet for
Hex(20619B) contains.

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Color

Hex(20619B)

Conversions

Conversions Part 1

Format	Color
Hex	20619B
RGB	32, 97, 155
RGB Percent	13%, 38%, 61%
CMY	0.8745, 0.6196, 0.3922
CMYK	0.79, 0.37, 0.00, 0.39
HSL	208°, 66%, 37%
HSV	208°, 79%, 61%
XYZ	10.7868, 11.2230, 32.6081
YIQ	84.1770, -57.3580, 4.2580

Conversions

Conversions Part 2

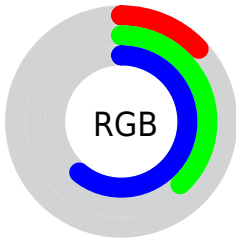
Format	Color
R_{YB}	32, 75, 155
Decimal	2122139
CIE _{Lab}	39.95, 0.90, -37.34
CIE _{LCh}	40, 37.348, 271.378
Yxy	11.2230, 0.1975, 0.2055
Android (android.graphics.Color)	4280312219 (0xFF20619B)
YUV	84.1770, 34.9157, -45.7592
Hunter-Lab	33.5008, -1.1520, -34.2596

Details

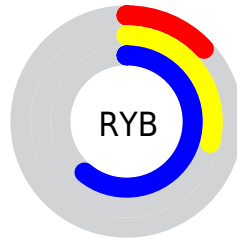
The Hex color **20619B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9B5A20**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6093D2**, and **003367** is the 20% darker color. If you saturate the color by 10%, you get **105A9B**, and if you desaturate by 10%, it is **2F689B**.

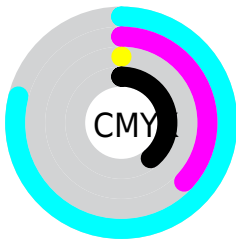
Distribution



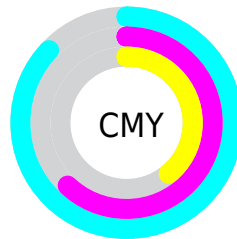
- Red (13%)
- Green (38%)
- Blue (61%)



- Red (13%)
- Yellow (29%)
- Blue (61%)



- Cyan (79%)
- Magenta (37%)
- Yellow (0%)
- Black (39%)



- Cyan (87%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20619B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 20619B by changing the saturation by 10% instead.

■ 20619B

■ 20619B

FFFFFF

■ 004981

■ 6093D2

■ 003367

■ 7DAEEE

■ 001F4F

■ 99C9FF

■ 000538

■ B6E5FF

■ 000221

■ D3FFFF

■ 000007

■ F1FFFF

■ 000000

■ 20619B

■ 20619B

■ 105A9B

■ 2F689B

■ 01529B

■ 3F709B

■ 00529B

■ 4E779B

■ 5E7E9B

■ 6E869B

■ 7D8D9B

■ 8C949B

■ 9C9B9B

■ ABA39B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



006993



20619B



615692

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20619B



944740



246B40

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



20619B



9B5A20

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4F6627



20619B



865228

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



20619B



95435E



6E5D1E



006D5F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



20619B



7B4D85



6E5D1E



356936

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



20619B



99B3C9



209B59



485866



E6E6E6



666666

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20619B



0A6FC9



20249B



45494D



004A8C



00070D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9B2061



C90A6F



9B9720



4D4549



8C004A



0D0007

Previews

White Background



This preview shows how the Hex color 20619B looks on a white background.

Color Contrast Check

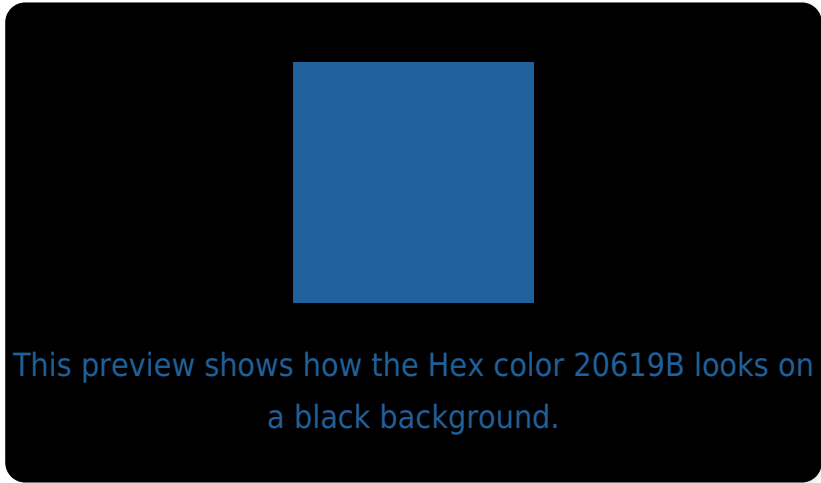
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

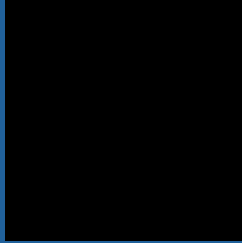
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 20619B Background



This preview shows how black text looks on a background with the Hex color 20619B.

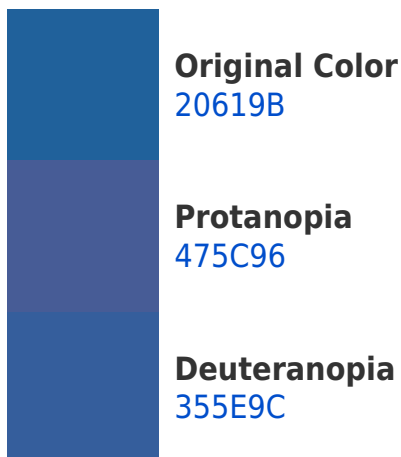


This preview shows how white text looks on a background with the Hex color 20619B.

Color Blindness Simulation

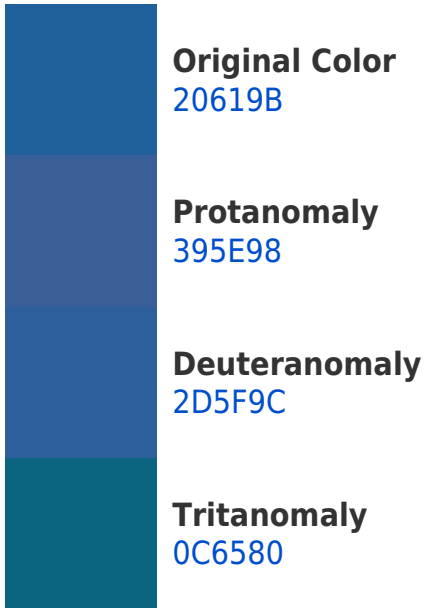
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

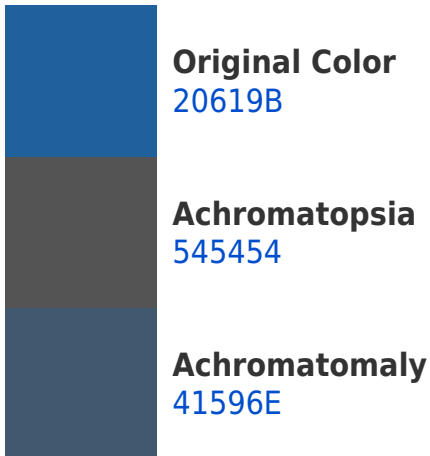




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 20619B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #20619B looks like.

```
.text, #text, p{  
    color:#20619B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #20619B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20619B
}
```

Border

The CSS property to change the border of an element to Hex 20619B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

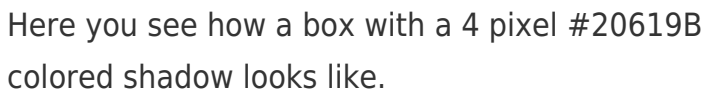
```
.border, #border, table{ border:4px solid
#20619B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#20619B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #20619B colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20619B; -webkit-box-shadow:4px 4px  
4px 4px #20619B; box-shadow:4px 4px 4px  
4px #20619B }
```

Background

The CSS property to change the background color of an element to Hex 20619B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20619B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#20619B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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